

WEST Search History

DATE: Tuesday, September 14, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L46	5319309	7
<input type="checkbox"/>	L45	554584	22
<input type="checkbox"/>	L44	0554584	5
<input type="checkbox"/>	L43	1205760	9
<input type="checkbox"/>	L42	1025760	17
<input type="checkbox"/>	L41	L40 and ((extend\$4 or increas\$4 or larger or enlarging or expand\$4) with (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation)))))	8
<input type="checkbox"/>	L40	L39 and ((adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4) with (frequency or phase))	11
<input type="checkbox"/>	L39	L29 and (parallel with direction with imag\$4)	11
<input type="checkbox"/>	L38	L29 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	10
<input type="checkbox"/>	L37	L34 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	5
<input type="checkbox"/>	L36	L35 and (((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)) with (patient or object or subject or sample or target))	5
<input type="checkbox"/>	L35	L34 and (axis or axial\$2 or "z")	15
<input type="checkbox"/>	L34	L33 and ((adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4) with (frequency or phase))	16
<input type="checkbox"/>	L33	L32 and (adjust\$4 or control\$4 or variable or vary or varying or varied or alter\$4 or chang\$4 or modify or modifi\$4)	16
<input type="checkbox"/>	L32	L31 and ((extend\$4 or increas\$4 or larger or enlarging or expand\$4) with (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation)))))	16
<input type="checkbox"/>	L31	L30 and l29	38
<input type="checkbox"/>	L30	L28 and (extend\$4 or increas\$4 or larger or enlarging or expand\$4)	38
<input type="checkbox"/>	L29	L28 and (imag\$4 with (patient or object or subject or sample or target))	39
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<input type="checkbox"/>	L27	L26 and (field-of-view or "field of view" or fov or roi or voi or ((region or volume) with (interest or investigation))))	42

<input type="checkbox"/>	L26	L25 and (central\$2 or combin\$4 or combination\$4 or composite or center\$3 or add or adding or added or summing or sumed or sum or summation or integrat\$3)	86
<input type="checkbox"/>	L25	L24 and ("sub" or sub-image or ((partial\$2 or portion or part) with (imag\$4)))	86
<input type="checkbox"/>	L24	L23 and (encod\$4)	98
<input type="checkbox"/>	L23	L22 and ((slab or slice or volume or plane) with (array or plurality or multiple or group or "more than one" or "multi"))	150
<input type="checkbox"/>	L22	L21 and (slab or slice or volume or plane)	258
<input type="checkbox"/>	L21	L20 and (array or plurality or multiple or group or "more than one" or "multi")	260
<input type="checkbox"/>	L20	L19 and (mount\$4 or fix\$3 or afix\$3 or secur\$3 or attach\$3 or stationary or moveable or fixture)	273
<input type="checkbox"/>	L19	L18 and (static or constant or uniform\$4 or homogeneity or homogenous or main)	309
<input type="checkbox"/>	L18	L17 and (radiofrequency or radio-frequency or RF or "radio frequency")	320
<input type="checkbox"/>	L17	L16 and (gradient)	513
<input type="checkbox"/>	L16	L8 and ((position\$4 or orient\$4 or locat\$4 or orientation or direction) with (image or parallel))	1481
<input type="checkbox"/>	L15	L14 and (slab or slice or volume or plane)	194
<input type="checkbox"/>	L14	L13 and (array or plurality or multiple or group or "more than one" or "multi")	195
<input type="checkbox"/>	L13	L12 and (mount\$4 or fix\$3 or afix\$3 or secur\$3 or attach\$3 or stationary or moveable or fixture)	203
<input type="checkbox"/>	L12	L11 and (static or constant or uniform\$4 or homogeneity or homogenous or main)	232
<input type="checkbox"/>	L11	L10 and (radiofrequency or radio-frequency or RF or "radio frequency")	239
<input type="checkbox"/>	L10	L9 and (gradient)	345
<input type="checkbox"/>	L9	L8 and ((position\$4 or orient\$4 or locat\$4 or orientation or direction) with (image or parallal))	940
<input type="checkbox"/>	L8	L7 and (detect\$4 or sens\$4 or receiv\$4 or reception)	1816
<input type="checkbox"/>	L7	L6 and ((parallel) with (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4))	1968
<input type="checkbox"/>	L6	L5 and (parallel)	18330
<input type="checkbox"/>	L5	L4 and (position\$4 or orient\$4 or locat\$4 or orientation)	57237
<input type="checkbox"/>	L4	L3 and (patient or object or subject or sample or target)	73711
<input type="checkbox"/>	L3	L1 and (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan or translat\$4)	81769
<input type="checkbox"/>	L2	L1 and (motion or movement or moving or moved or move or proceeds or proceeding or traversing or scanning or scanned or scan)	75934
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	187002

END OF SEARCH HISTORY

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[Generate OACS](#)

Search Results - Record(s) 1 through 16 of 16 returned.

☐ 1. Document ID: US 20040155654 A1

Using default format because multiple data bases are involved.

L32: Entry 1 of 16

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155654

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040155654 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040152969 A1

L32: Entry 2 of 16

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040070394 A1

L32: Entry 3 of 16

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040051529 A1

L32: Entry 4 of 16

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 20030139660 A1

L32: Entry 5 of 16

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139660
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030139660 A1

TITLE: Magnetic resonance imaging using technique of positioning multi-slabs to be imaged

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tatebayashi, Isao	Utsunomiya-shi		JP	
Takabayashi, Naoyuki	Otawara-Shi		JP	
Furudate, Naoyuki	Otawara-Shi		JP	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 20030100825 A1

L32: Entry 6 of 16

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 20030011369 A1

L32: Entry 7 of 16

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011369
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011369 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean H.	Palo Alto	CA	US	
Pauly, John M.	Redwood City	CA	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RULE	Draw D
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☐ 8. Document ID: US 20020180439 A1

L32: Entry 8 of 16

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020180439
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020180439 A1

TITLE: Apparatus for magnetic resonance imaging having a planar strip array antenna including systems and methods related thereto

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Ray F.	Clifton-Park	NY	US	

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RULE	Draw D
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☐ 9. Document ID: US 20020140423 A1

L32: Entry 9 of 16

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140423
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020140423 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/301; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: US 20010043068 A1

L32: Entry 10 of 16

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043068
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010043068 A1

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Ray F.	Clifton-Park	NY	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 6771070 B2

L32: Entry 11 of 16

File: USPT

Aug 3, 2004

US-PAT-NO: 6771070
DOCUMENT-IDENTIFIER: US 6771070 B2

TITLE: Apparatus for magnetic resonance imaging having a planar strip array antenna including systems and methods related thereto

DATE-ISSUED: August 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray F	Clifton-Park	NY		

US-CL-CURRENT: 324/318; 343/700MS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 12. Document ID: US 6704594 B1

L32: Entry 12 of 16

File: USPT

Mar 9, 2004

US-PAT-NO: 6704594
DOCUMENT-IDENTIFIER: US 6704594 B1

TITLE: Magnetic resonance imaging device

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blank; Aharon	Kiriat Ono			IL
Alexandrowicz; Gil	Jerusalem			IL
Golan; Erez	Tel Aviv			IL

US-CL-CURRENT: 600/423; 128/899, 324/318, 324/322, 600/407, 600/409, 600/410,
600/421

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 13. Document ID: US 6584337 B2

L32: Entry 13 of 16

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337

DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 14. Document ID: US 6476606 B2

L32: Entry 14 of 16

File: USPT

Nov 5, 2002

US-PAT-NO: 6476606

DOCUMENT-IDENTIFIER: US 6476606 B2

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Ray F	Clifton-Park	NY		

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw	De
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☐ 15. Document ID: US 5910728 A

L32: Entry 15 of 16

File: USPT

Jun 8, 1999

US-PAT-NO: 5910728

DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast imaging with radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel Kevin	Cambridge	MA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw	De
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☐ 16. Document ID: US 4609872 A

L32: Entry 16 of 16

File: USPT

Sep 2, 1986

US-PAT-NO: 4609872

DOCUMENT-IDENTIFIER: US 4609872 A

TITLE: NMR multiple-echo phase-contrast blood flow imaging

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Donnell; Matthew	Schenectady	NY		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw	De
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Term	Documents
LARGER	2026427
LARGERS	54

ENLARGING	77432
ENLARGINGS	2
FIELD-OF-VIEW	3879
FIELD-OF-VIEWS	77
"FIELD OF VIEW"	0
FOV	5464
FOVS	339
ROI	45125
ROIS	1730
(L31 AND ((EXTEND\$4 OR INCREAS\$4 OR LARGER OR ENLARGING OR EXPAND\$4) WITH (FIELD-OF-VIEW OR "FIELD OF VIEW" OR FOV OR ROI OR VOI OR ((REGION OR VOLUME) WITH (INTEREST OR INVESTIGATION)))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	16

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040152969 A1

Using default format because multiple data bases are involved.

L37: Entry 1 of 5

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040070394 A1

L37: Entry 2 of 5

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 3. Document ID: US 20040051529 A1

L37: Entry 3 of 5

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 4. Document ID: US 20030100825 A1

L37: Entry 4 of 5

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 5. Document ID: US 6584337 B2

L37: Entry 5 of 5

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337

DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
PARALLEL	3107952
PARALLELS	16606
MOTION	1135751
MOTIONS	96549
MOVEMENT	2924632
MOVEMENTS	416519
MOVING	2218731
MOVINGS	100
MOVED	2240426
MOVEDS	7
MOVE	2400370
(L34 AND (((PARALLEL) WITH (MOTION OR MOVEMENT OR MOVING OR MOVED OR MOVE OR PROCEEDS OR PROCEEDING OR TRAVERSING OR SCANNING OR SCANED OR SCAN OR TRANSLATS4)) WITH (PATIENT OR OBJECT OR SUBJECT OR SAMPLE OR TARGET))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20040152969 A1

Using default format because multiple data bases are involved.

L38: Entry 1 of 10

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152969

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152969 A1

TITLE: Method and magnetic resonance apparatus for calibrating coil sensitivities

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhang, Qiang	Chicago	IL	US	
Wang, Jianmin	Shenzhen	IL	CN	
Simonetti, Orlando	Chicago	IL	US	
Laub, Gerhard	Chicago		US	
Kiefer, Berthold	Erlangen		DE	

US-CL-CURRENT: 600/422; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	CMC	Draw D
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☐ 2. Document ID: US 20040070394 A1

L38: Entry 2 of 10

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040070394

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040070394 A1

TITLE: Parallel mr imaging using high-precision coil sensitivity map

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzalez Ballester, Miguel Angel	Nice		FR	
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040051529 A1

L38: Entry 3 of 10

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20030100825 A1

L38: Entry 4 of 10

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dumoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20020118373 A1

L38: Entry 5 of 10

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020118373
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020118373 A1

TITLE: Method for detecting movement of a sample primarily for use in magnetic resonance imaging of the sample

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eviatar, Hadass	Winnipeg		CA	
Schattka, Bernhard J.	Winnipeg		CA	
Alexander, Murray Ellis	Winnipeg		CA	
Sharp, Jonathan Curnow	Winnipeg		CA	
Roshick, Jeremy Joseph	Winnipeg Beach		CA	
Summers, Arthur Randolph	Winnipeg		CA	

US-CL-CURRENT: 356/614

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 6. Document ID: US 20020115929 A1

L38: Entry 6 of 10

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115929
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115929 A1

TITLE: Magnetic resonance imaging for a plurality of selective regions set to object continuously moved

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Machida, Yoshio	Nasu-Gun		JP	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 7. Document ID: US 6584337 B2

L38: Entry 7 of 10

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337
DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		
Zhu; Yudong	Clifton Park	NY		

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 8. Document ID: US 6477398 B1

L38: Entry 8 of 10

File: USPT

Nov 5, 2002

US-PAT-NO: 6477398

DOCUMENT-IDENTIFIER: US 6477398 B1

TITLE: Resonant magnetic susceptibility imaging (ReMSI)

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mills; Randell L.	Yardley	PA	19067	

US-CL-CURRENT: 600/409; 324/201, 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 9. Document ID: US 4871966 A

L38: Entry 9 of 10

File: USPT

Oct 3, 1989

US-PAT-NO: 4871966

DOCUMENT-IDENTIFIER: US 4871966 A

**** See image for Certificate of Correction ****

TITLE: Apparatus and method for multiple angle oblique magnetic resonance imaging

DATE-ISSUED: October 3, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; Stanton D.	Bellport	NY		
Hertz; David	Dix Hills	NY		
Wolf; Robert B.	Medford	NY		
Olsen; Robert H.	Bethpage	NY		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 10. Document ID: US 4737921 A

L38: Entry 10 of 10

File: USPT

Apr 12, 1988

US-PAT-NO: 4737921

DOCUMENT-IDENTIFIER: US 4737921 A

** See image for Certificate of Correction **

TITLE: Three dimensional medical image display system

DATE-ISSUED: April 12, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldwasser; Samuel M.	Bala Cynwyd	PA		
Talton; David A.	Philadelphia	PA		
Reynolds; R. Anthony	Philadelphia	PA		
Bapty; Theodore A.	Philadelphia	PA		

US-CL-CURRENT: 345/421; 345/419, 345/426, 345/502, 345/545, 345/629

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 1. Document ID: US 20040155654 A1

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L41: Entry 1 of 8

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155654
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040155654 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws
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☐ 2. Document ID: US 20040051529 A1

L41: Entry 2 of 8

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040051529
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040051529 A1

TITLE: Method and system for extended volume imaging using MRI with parallel reception

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zhu, Yudong	Clifton Park	NY	US	
Dumoulin, Charles Lucian	Ballston Lake	NY	US	

US-CL-CURRENT: 324/318; 324/307, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draws
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☐ 3. Document ID: US 20030139660 A1

L41: Entry 3 of 8

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139660
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030139660 A1

TITLE: Magnetic resonance imaging using technique of positioning multi-slabs to be imaged

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tatebayashi, Isao	Utsunomiya-shi		JP	
Takabayashi, Naoyuki	Otawara-Shi		JP	
Furudate, Naoyuki	Otawara-Shi		JP	

US-CL-CURRENT: 600/407

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 4. Document ID: US 20030100825 A1

L41: Entry 4 of 8

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030100825 A1

TITLE: METHOD AND SYSTEM FOR EXTENDED VOLUME IMAGING USING MRI

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Demoulin, Charles Lucian	Ballston Lake	NY	US	
Zhu, Yudong	Clifton Park	NY	US	

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 5. Document ID: US 20030011369 A1

L41: Entry 5 of 8

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030011369

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030011369 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean H.	Palo Alto	CA	US	
Pauly, John M.	Redwood City	CA	US	

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: US 20020140423 A1

L41: Entry 6 of 8

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020140423
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020140423 A1

TITLE: Moving table MRI with frequency-encoding in the z-direction

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brittain, Jean Helen	Menlo Park	CA	US	

US-CL-CURRENT: 324/301; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 6584337 B2

L41: Entry 7 of 8

File: USPT

Jun 24, 2003

US-PAT-NO: 6584337
DOCUMENT-IDENTIFIER: US 6584337 B2

TITLE: Method and system for extended volume imaging using MRI

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dumoulin; Charles Lucian	Ballston Lake	NY		

Zhu; Yudong

Clifton Park

NY

US-CL-CURRENT: 600/410; 324/309, 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw D
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☐ 8. Document ID: US 4609872 A

L41: Entry 8 of 8

File: USPT

Sep 2, 1986

US-PAT-NO: 4609872

DOCUMENT-IDENTIFIER: US 4609872 A

TITLE: NMR multiple-echo phase-contrast blood flow imaging

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Donnell; Matthew	Schenectady	NY		

US-CL-CURRENT: 324/306; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference		
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